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Cold Regions Research &
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News Release

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Contact: Marie Darling

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Tele: (603) 646-4292

CRREL Scientists Co-Sponsor International Conference on Snow Hydrology

HANOVER, N.H.—Research scientists from the U.S. Army Cold Regions Research and Engineering Laboratory (CRREL) will sponsor an international conference titled, ***Snow Hydrology: The Integration of Physical, Chemical and Biological Systems***. The conference will be held at the Ascutney Mountain Resort in Brownsville, Vermont, October 6-9. Also sponsoring this conference are U.S. Army Research Office, Montana State University, Eastern Snow Conference, International Commission on Snow and Ice, International Glaciological Society and the American Geophysical Union.

In 1978 CRREL sponsored a similar conference, *Modeling of Snow Cover Run-off*, which focused on snow cover distribution, mass and energy transfer through the snow, snow/soil interactions, and runoff models. This year's conference will be a forum for sharing new knowledge and techniques on their broader aspects. Consisting of both oral and poster presentations, the conference is organized into the following five themes: snow cover properties and processes, chemical processes in the seasonal snow cover, biotic interaction with the seasonal snow cover, distributed snowmelt models and scaling problems in snow hydrology. CRREL expects approximately 150 participants representing 20 different countries. Ms. Janet Hardy, a CRREL scientist and chair of the organizing committee, states that the conference is an excellent opportunity for scientists and nations to exchange knowledge between disciplines - physical, chemical and biological - and their integration and distribution over different temporal and spatial scales.

CRREL's mission is to gain knowledge of the cold regions through scientific and engineering research, and to put that knowledge to work for the Corps of Engineers, the Army, the Department of Defense, and the Nation. CRREL, headquartered in Hanover, New Hampshire, with a field office in Fairbanks, Alaska, is the only Department of Defense laboratory addressing problems and opportunities unique to the world's cold regions.

For more information, please contact Ms. Janet Hardy at (603) 646-4306 or email: jhardy@crrel.usace.army.mil.

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